

Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

| | |
|----------------------|--------------------|
| Application Number | To Be Assigned |
| Filing Date | Herewith |
| First Named Inventor | Y. Nakagawa et al. |
| Art Unit | |
| Examiner Name | |
| Attorney Docket No. | MAT-8681US |

SHEET 1 of 2

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date (MM-DD-YYYY) | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|--------------------------------------------|----------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
| | | Number - Kind Code ² (if known) | | | |
| | | US- | | | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date (MM-DD-YYYY) | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|-----------------------|--------------------------|-------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------|
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| GA | | JP 2002-503048 (w/English abstract) | 1/29/2002 | ARRAYCOMM INC | | <input type="checkbox"/> |
| GA | | JP 2001-506833 (w/English abstract) | 5/22/2001 | CWILL TELECOMMUNICA -TIONS INC | | <input type="checkbox"/> |
| GA | | WO 99/14870 | 3/25/1999 | ADAPTIVE TELECOM INC | | <input type="checkbox"/> |
| GA | | JP 2003-023380 (w/English abstract) | 1/24/2003 | ARRAYCOMM INC | | <input type="checkbox"/> |
| GA | | JP 2002-077980 (w/English abstract) | 3/15/2002 | SANYO ELECTRIC CO LTD | | <input type="checkbox"/> |
| GA | | JP 2002-077986 (w/English abstract) | 3/15/2002 | SANYO ELECTRIC CO LTD | | <input type="checkbox"/> |
| GA | | JP 2002-261670 (w/English abstract) | 9/13/2002 | YRP MOBILE; TELECOMMUNICA -TIONS KEY TECH RES LAB CO LTD; MITSUBISHI ELECTRIC CORP | | <input type="checkbox"/> |
| GA | | JP 2004-120730 (w/English abstract) | 4/15/2004 | Matsushita Electric Industrial Co Ltd | | <input type="checkbox"/> |
| GA | | JP 2004-135302 (w/English abstract) | 4/30/2004 | Matsushita Electric Industrial Co Ltd | | <input type="checkbox"/> |
| GA | | JP 2002-152191 (w/English abstract) | 5/24/2002 | Matsushita Electric Industrial Co Ltd | | <input type="checkbox"/> |

Examiner
SignatureDate
Considered

3/13/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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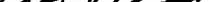
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JC12 Rec'd PCT 13 APR 2005

(AW 08/03)

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| | First Named Inventor | Y. Nakagawa et al. |
| | Art Unit | |
| | Examiner Name | |
| SHEET 2 of 2 | Attorney Docket No. | MAT-8681US |

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| Examiner Signature |  | Date Considered | 3/3/06 |
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